

[DRIVING METHOD OF PIXEL ARRAY]

Abstract

A driving method of a pixel array is provided. The driving method is suitable for a pixel array comprising at least one pixel set in each pixel array, wherein at least one pixel set comprises a plurality of pixels. In the driving method, a voltage having substantially same phase is used to drive the pixel electrodes of the pixels in the same pixel set. In addition, voltages with phases substantially opposite to each other are used to drive the pixel electrodes of the pixels in two adjacent pixel sets. Furthermore, a single gate line is used to drive two adjacent pixels in two different pixel sets respectively. In addition, a single gate line is used to drive a first pixel in one of the pixel set and another pixel in an adjacent column of the first pixel, wherein a phase of the voltage of a pixel electrode of the first pixel and a phase of a voltage of a pixel electrode of the other pixel are substantially different.